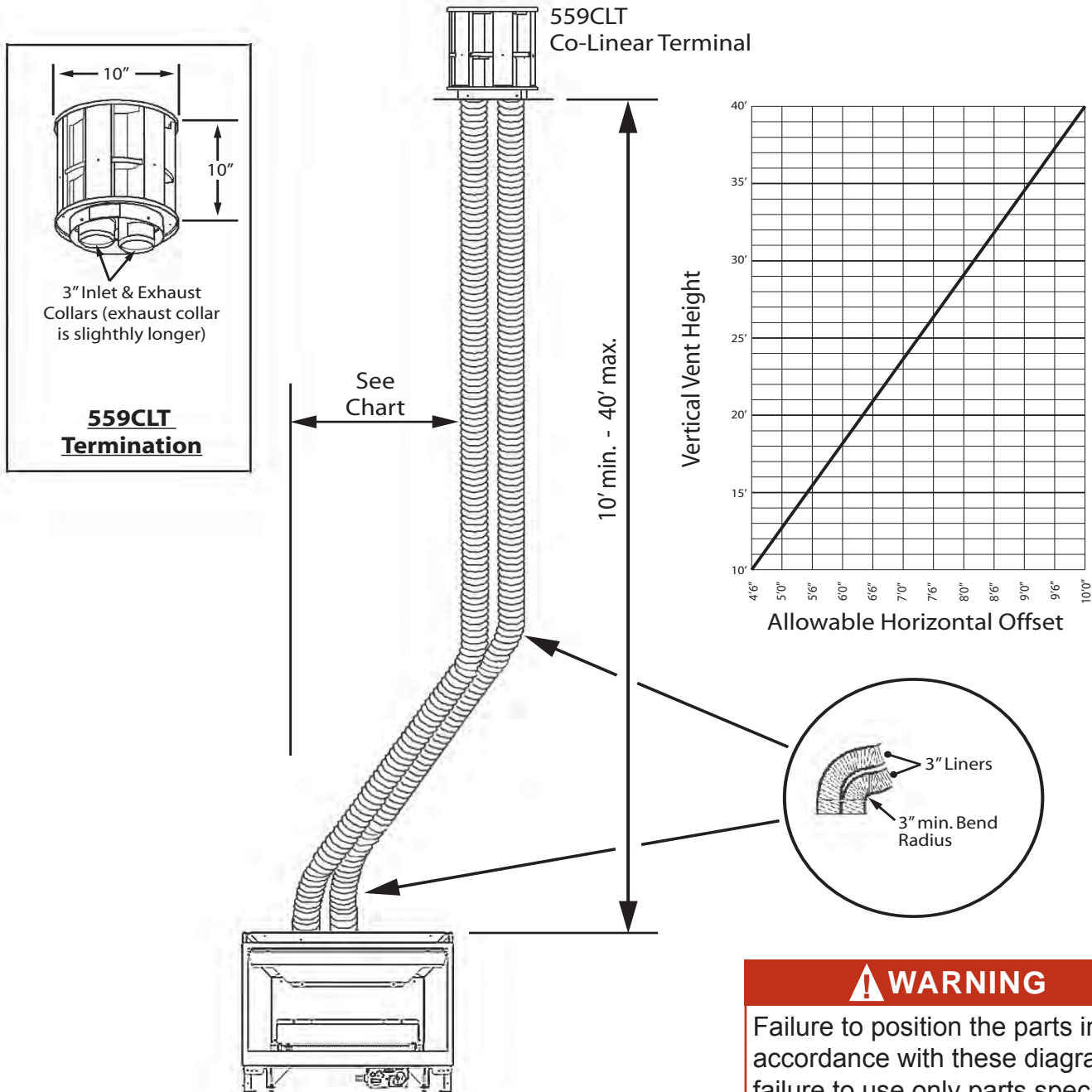


**Allowable Vent Configurations**

The RF24 is certified for use with approved 3" diameter flexible venting installed into an approved existing solid fuel burning masonry or factory built chimney system. The venting system must terminate vertically at the roof using an approved termination cap. Both inlet and exhaust liners must be run continuously from appliance to roof termination.

Where possible, avoid joints in flex pipe. If joints are required, use only connectors approved by the manufacturer of the flex pipe. Field fabricated joints are not allowed.

Any generic 3" diameter flexible venting **approved for venting gas appliances** is acceptable. See list of the approved venting components on page 32 of this manual.



**⚠ WARNING**

Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.

## Vent Termination

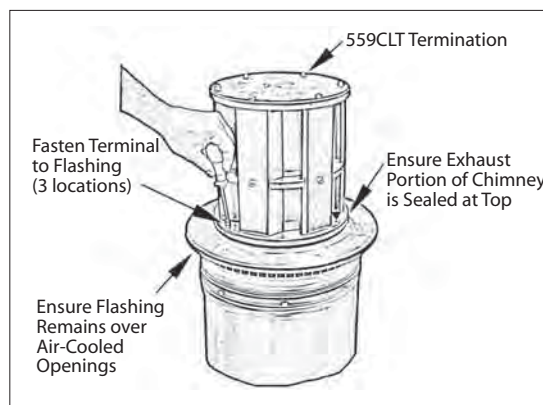
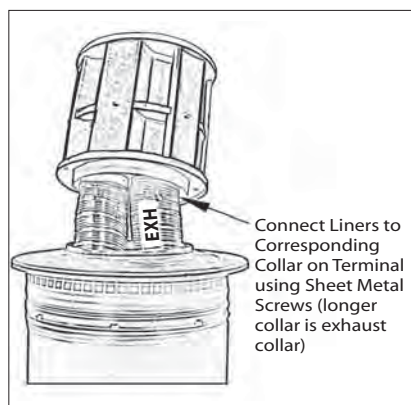
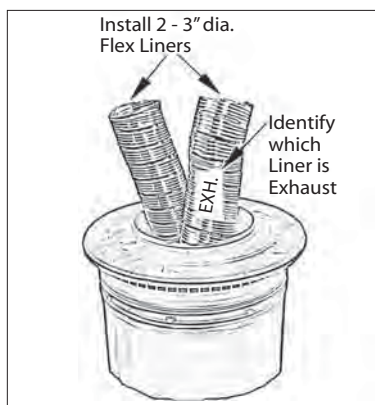
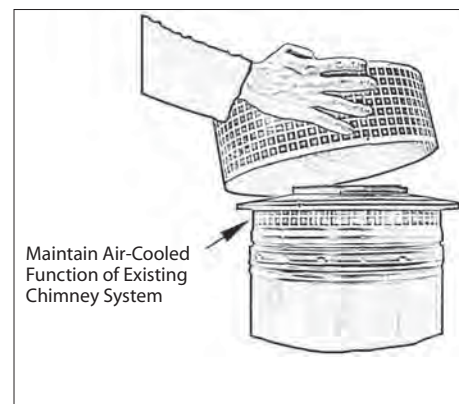
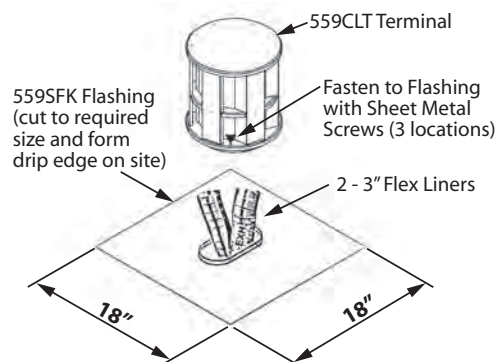
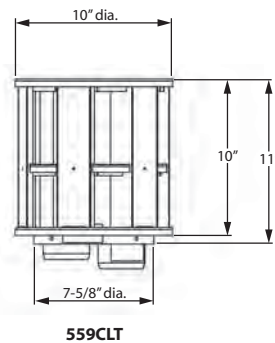
The RF24 is approved for **Vertical Co-Linear Termination Only**. Two 3" diameter liners are required from top to bottom. The vent liners must be connected to the proper collars (intake and exhaust) or the unit will not operate properly. The method of flashing will depend on whether the liners are installed into a rectangular masonry or round factory-built solid-fuel burning chimney. **It is important to seal the gap at the top of the chimney in either case to avoid convective air loss up the chimney.** The integrity of the air-cooled function of factory-built chimney systems must be maintained when installing terminations. **Termination of the chimney may need to be completed after the RF24 firebox is installed and the slack vent liner pulled up—see section *Firebox Installation*.**

### Existing Square Chimneys

**559CLT** Co-Linear Terminal and **559SFK** Square Flashing Kit are recommended—see list of approved venting accessories on page 32. Cut flashing kit to size. Allow extra around perimeter for drip edge to be formed on site. Seal flashing to top of chimney using sealant (not supplied). Fasten terminal to flashing using sheet metal screws as shown.

### Existing Round Factory-Built Chimneys

The 559CLT terminal is designed to fit existing 7" or 8" diameter factory-built round chimneys without requiring additional flashing. Ensure the installation of the terminal seals off the top of the chimney space to avoid convective air loss. The diagrams below show a typical terminal installation for an 8" diameter air-cooled chimney system.

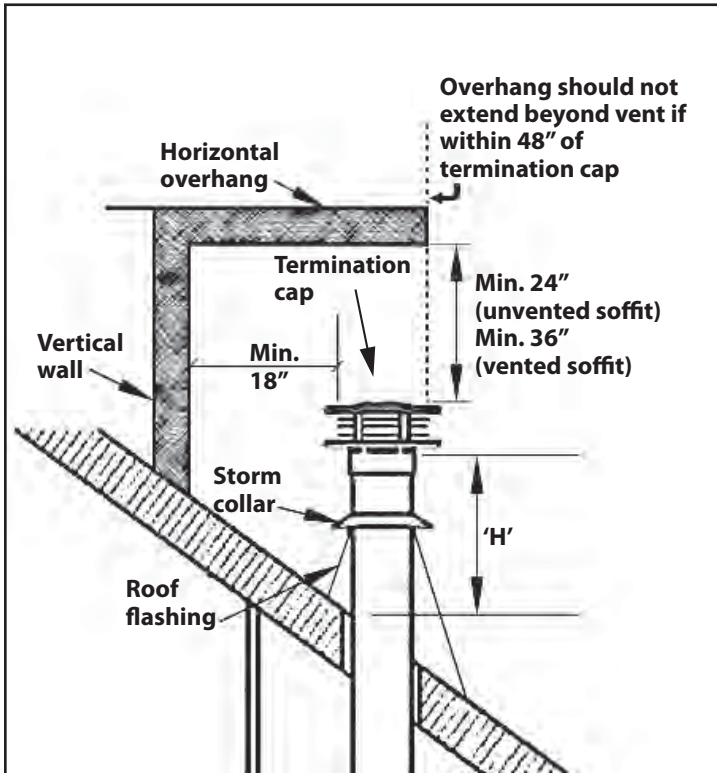


# Vent Termination

## Vent Terminal Location

The venting system for this appliance is considered to be a **Special Venting System**. The rule in the Installation Code CAN/CGA-B149 requiring a minimum vent height of 2 feet above any portion of a building within 10 feet does not, therefore, apply.

## Clearances for Vent Terminal



Roof Pitch	Minimum 'H' (feet)
Flat to 7/12	1'
over 7/12 to 8/12	1.5'
over 8/12 to 9/12	2'
over 9/12 to 10/12	2.5'
over 10/12 to 11/12	3.25'
over 11/12 to 12/12	4'
over 12/12 to 14/12	5'